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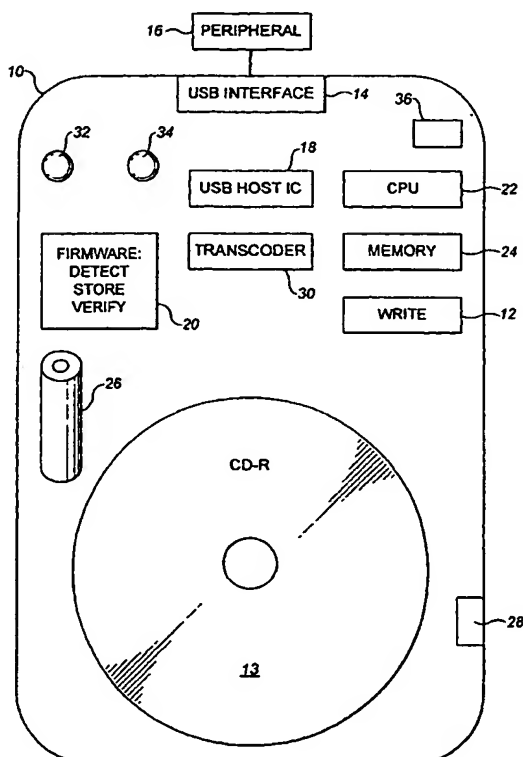
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(54) Title: DIRECT CONNECTION OF A DATA STORAGE DEVICE AND A CONSUMER ELECTRONIC DEVICE



(57) **Abstract:** An optical data storage device (10) adapted to act as a "host" or master on a peripheral interface (14) (e.g. Universal Serial Bus) allows easy (automatic and single button activated) storage of data from a consumer electronic device (16) such as Digital Still Camera (DSC) directly connected to the device on a standard optical storage medium (13) such as CD-R without the need for a (10) personal computer. The images are decompressed and stored (11) within the drive memory (22), re-compressed into a standard format, MPEG-1 (transcoded). The transcoded images are recorded onto the optical medium (13) in a format where each still image is written as a separate image frame. The standard format is compatible with the Video CD (or VCD) standard. This invention also provides a device comprising two peripheral interfaces and adapted (18) to act as a host on both, so that the separate or other form of data storage device including HDD or flash memory can be used.

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